

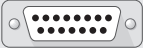

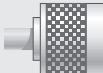


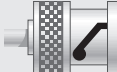

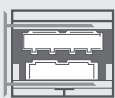

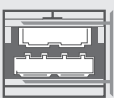

















# VISUAL GUIDE TO CONNECTORS

**T**hroughout this book you have learned about several different cabling and connector options that may be used on networks. Some, such as RJ-45, are very common, while others, such as AUI, are nearly obsolete. So that you can compare such connectors and ensure that you understand their differences, this Appendix compiles drawings of the connectors and a brief summary of their application in a simple table. You will need to be familiar with the most popular types of connectors in order to qualify for Network+ certification. You can find more detail about these connectors and the networks on which they are used in Chapters 4 and 6.

**Table C-1**    Network connectors and their uses

Specification	Male Connector (front view)	Male Connector (side view)	Female Receptacle (front view)	Application
AUI (DB-15)				Used on coaxial cabling for Thicknet (10Base5 Ethernet).
N-series Connector				Used on coaxial cabling for Thicknet (10Base5 Ethernet) networks.
BNC				Used on coaxial cabling for Thinnet (10Base2 Ethernet) networks.
Type 1 IBM Data Connector				Used on older Token Ring networks; has been replaced by RJ-45 connectors on newer Token Ring networks.
DB-9				Used on older Token Ring networks; has been replaced by RJ-45 connectors on newer Token Ring networks.
RJ-11				Used on twisted-pair cabling for telephone systems (and some older twisted-pair networks).
RJ-45				Used on twisted-pair cabling for modern networks.
ST				Used on fiber-optic cabling (for example, on 10BaseF or 100BaseF networks).
SC				Used on fiber-optic cabling (for example, 10BaseF or 100BaseF networks).
USB	